

# ABSTRACT

A biaxial liquid crystal composition containing a liquid crystal compound and a refractive index-controlling agent, which is capable of developing a biaxial liquid crystal phase, and has a value of  $(n_x - n_y) / (n_y - n_z)$  and a value of  $(n_{x0} - n_{y0}) / (n_{y0} - n_{z0})$  different from each other wherein  $n_x$ ,  $n_y$  and  $n_z$  respectively represent refractive indexes along directions of three axes of the biaxial liquid crystal composition in an order of magnitude, and  $n_{x0}$ ,  $n_{y0}$  and  $n_{z0}$  respectively represent refractive indexes along directions of three axes of the biaxial composition obtained by excluding the refractive index-controlling agent from the biaxial liquid crystal composition in an order of magnitude.